

INFORMATION DISCLOSURE CITATION

IN AN APPLICATION
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Docket Number-HMV-048.01

Application Number
09/575580Applicant
McKeon et al.Filing Date
22-May-2000Group Art
1653

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CMK	AA	4522752	11-Jun-1985	Sisto et al.	260	112.5 R	10-May-1984
	AB	4833080	23-May-1989	Brent et al.	435	172.3	12-Dec-1985
	AC	4868116	19-Sep-1989	Morgan et al.	435	240.2	09-Jul-1986
	AD	4897355	30-Jan-1990	Eppstein et al.	435	240.2	29-Oct-1987
	AE	5061811	29-Oct-1991	Pinori et al.	549	274	14-Dec-1989
	AF	5096815	17-Mar-1992	Ladner et al.	435	69.1	06-Jan-1989
	AG	5176996	05-Jan-1993	Hogan et al.	435	6	22-Dec-1989
	AH	5190762	02-Mar-1993	Yarosh	424	450	23-Jan-1991
	AI	5198346	30-Mar-1993	Ladner, et al.	435	69.1	26-Jul-1990
	AJ	5223409	29-Jun-1993	Ladner et al.	435	69.7	01-Mar-1991
	AK	5252348	12-Oct-1993	Schreier et al.	424	450	30-Jul-1992
	AL	5256775	26-Oct-1993	Froehler	536	25.6	05-Jun-1990
	AM	5264564	23-Nov-1993	Matteucci	536	23.1	30-Jul-1990
	AN	5283317	01-Feb-1994	Saifer et al.	528	405	11-Oct-1991
	AO	5288514	22-Feb-1994	Ellman	427	2	14-Sep-1992
	AP	5359115	25-Oct-1994	Campbell et al.	558	110	11-Sep-1992
	AQ	5362899	08-Nov-1994	Campbell	558	108	09-Sep-1993
	AR	5459039	17-Oct-1995	Modrich et al.	435	6	18-Mar-1994
CMK	AS	5498531	12-Mar-1996	Jarrell	435	91.31	10-Sep-1993

FOREIGN PATENT DOCUMENTS

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						YES	NO
CMK	AT	A43075	01-Jun-1982	EP	C12N	15/00	
CMK	AU	0259149	03-Sep-1988	EP	A61K	39/15	
	AW	1047081	02-Feb-1989	JP	C12N	15/00	
CMK	AW	WO8902468	23-Mar-1989	PCT	C12N	15/00	
	AX	WO8907136	10-Aug-1989	PCT	C12N	5/00	
	AY	WO9002909	22-Mar-1990	PCT	F23D	14/62	
	AZ	WO9106309	16-May-1991	PCT	A61K	37/22	
CMK	BA	WO9207573	14-May-1992	PCT	A61K	35/12	

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CTK	BB	WO9209690	11-Jun-1992	PCT	C12N	15/00		
	BC	WO9210092	25-Jun-1992	PCT	A01N	1/02		
	BD	WO9215694	17-Sep-1992	PCT	C12N	15/85		
	BE	WO9320242	14-Oct-1993	PCT	C12Q	1/70		
	BF	WO9325234	23-Dec-1993	PCT	A61K	39/12		
	BG	WO9406920	31-Mar-1994	PCT	C12N	15/86		
	BH	WO9408051	14-Apr-1994	PCT	C12Q	1/68		
	BI	WO9410300	11-May-1994	PCT	C12N	15/10		
CTK	BJ	WO9416101	21-Jul-1994	PCT	C12Q	1/68		

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(Including Author, Title, Date, Pertinent Pages Etc.).

CTK	BK	Abremski et al., "Bacteriophage P1 Site-Specific Recombination, Purification and Properties of the Cre Recombinase Protein", J. Biol. Chem. 259:1509-1514 (1984).						
	BL	Arkin and Yourvan, "An Algorithm for Protein Engineering: Simulations of Recursive Ensemble Mutagenesis", PNAS USA 89:7811-7815 (1992).						
	BM	Armentano et al., "Expression of Human Factor IX In Rabbit Hepatocytes By Retrovirus-Mediated Gene Transfer: Potential for Gene Therapy of Hemophilia B", PNAS USA 87:6141-6145 (1990).						
	BN	Ausubel, F.M. et al., "Preparation of a Specific Retrovirus Producer Cell Line", Current Protocols in Molecular Biology Sections 9.10-9.14 (eds.). Greene Publishing Associates (1989).						
	BO	Balinderan et al., "Preliminary Crystallization Studies of Calmodulin-Dependent Protein Phosphatase (Calcineurin). From Bovine Brain", Molecular and Cellular Biochemistry 149/150:127-130 (1995).						
	BP	Ballas et al., "Liposomes Bearing a Quaternary Ammonium Detergent as an Efficient Vehicle for Functional Transfer of TMV-RNA Into Plant Protoplasts", Biochim. Biophys. Acta 939:8-18 (1988).						
	BQ	Banga et al., "Hydrogel-Based Ionotherapeutic Delivery Devices for Transdermal Delivery of Peptide/Protein Drugs", Pharm Res 10:697-702 (1993).						
	BR	Barany, "Genetic Disease Detection and DNA Amplification Using Cloned Thermostable Ligase", PNAS USA 88:189-193 (1991).						
	BS	Barbas et al., "Semisynthetic Combinatorial Antibody Libraries: A Chemical Solution to the Diversity Problem", PNAS 89:4457-4461 (1992).						
	BT	Barford D., "Molecular Mechanisms of the Protein Serine/Threonine Phosphatases", TIBS 21:407-412 (1996).						
	BU	Bartel et al., "Elimination of False Positives That Arise in Using the Two-Hybrid System", BioTechniques 14:920-924 (1993).						
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CMK	BW	Bauer et al., "Anionophycin I Is Associated with Coated Endocytic Intermediates and Undergoes Stimulation-dependent Degradation in Neutrophils", Biol. Chem. 272:30984-30992 (1997).			
	BX	Beals et al., "Nuclear Localization of NF-ATc by a Calcineurin-Dependent, Cyclosporin-Sensitive Intramolecular Interaction", Genes and Dev. 11:824-834 (1997).			
	BY	Behr et al., "Efficient Gene Transfer Into Mammalian Primary Endocrine Cells with Lipopolyamine-Coated DNA", PNAS 86:6982-6986 (1989).			
	BZ	Berkner et al., "Development of Adenovirus Vectors for the Expression of Heterologous Genes", BioTechniques 6:616-629 (1988).			
	CA	Benoist et al., "In Vivo Sequence Requirements of the SV40 Early Promoter Region", Nature 290:304-310 (1981).			
	CB	Blondelle et al., "Soluble Combinatorial Libraries of Organic, Peptidomimetic and Peptide Diversities", Trends Anal. Chem. 14:83-92 (1995).			
	CC	Bradley et al., "Embryo-Derived Stem Cells: A Tool for Elucidating the Developmental Genetics of the Mouse", Current Topics in Devel. Biol. 20:357-371 (1986).			
	CD	Bradley et al., "Formation of Germ-Line Chimaeras from Embryo-Derived Teratocarcinoma Cell Lines", Nature 309:255-258 (1984).			
	CE	Brinster et al., "Regulation of Metallothionein-Thymidine Kinase Fusion Plasmids Injected into Mouse Eggs", Nature 296:39-42 (1982).			
	CF	Brinster et al., "Factors Affecting the Efficiency of Introducing Foreign DNA into Mice by Microinjecting Eggs", PNAS 82:4438-4442 (1985).			
	CG	Brooks et al., CHARMM: A Program for Macromolecular Energy, Minimization, and Dynamics Calculations", J Comput Chem 4:187-217 (1983).			
	CH	Buiting et al., "Detection of Aberrant DNA Methylation in Unique Prader-Willi Syndrome Patients and its Diagnostic Implications", Human Mol. Genet. 3:893-895 (1994).			
	CI	Burbaum et al., "Understanding Structural Relationships in Proteins of Unsolved Three-Dimensional Structure", Proteins 7:99-111 (1990).			
	CJ	Chen et al., "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis", JACS 116:2661-2663 (1994).			
	CK	Chowdhury et al., "Long-Term Improvement of Hypercholesterolemia After ex Vivo Gene Therapy in LDLR-Deficient Rabbits", Science 254:1802-1805 (1991).			
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CMK	CM	Cohen et al., "Emerging Technologies for Sequencing Antisense Oligonucleotides: Capillary Electrophoresis and Mass Spectrometry", Adv Chromatogr 36:127-162 (1996).			

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	CO	Cotton et al., "Reactivity of Cytosine and Thymine in Single-Base-Pair Mismatches with Hydroxylamine and Osmium Tetroxide and Its Application to the Study of Mutations", PNAS USA 85:4397-4401 (1988).
	CP	Cotton, "Current Methods of Mutation Detection", Mutat Res 285:125-144 (1993).
	CQ	Crawford et al., "Hamster adapt78 mRNA Is a Down Syndrome Critical Region Homologue That Is Inductible by Oxidative Stress", Arch. Biochem. Biophys. 342:6-12 (1997).
	CR	Cwirla et al., "Peptides On Phage: A Vast Library of Peptides for Identifying Ligands", PNAS 87:6378-6382 (1990).
	CS	Dai et al., "Gene Therapy Via Primary Myoblasts: Long-Term Expression of Factor IX Protein Following Transplantation In Vivo", PNAS USA 89:10892-10895 (1992).
	CT	Dann et al., "Human Renin: A New Class of Inhibitors", Biochem Biophys Res Commun 134:71-77 (1986).
	CU	Danos et al., "Safe and Efficient Generation of Recombinant Retroviruses With Amphotropic and Ecotropic Host Ranges", PNAS USA 85:6460-6464 (1988).
	CV	Delgrave et al., "Recursive Ensemble Mutagenesis", Protein Engineering 6(3):327-331 (1993).
	CW	Derossi et al., "The Third Helix of the Antennapedia Homeodomain Translocates Through Biological Membranes", J Biol Chem 269:10444-10450 (1994).
	CX	Derossi et al., "Cell Internalization of the Third Helix of the Antennapedia Homeodomain Is Receptor-Independent", J Biol Chem 271:18188-18193 (1996).
	CY	DesJarlais et al., "Docking Flexible Ligands to Macromolecular Receptors by Molecular Shape", J. Med. Chem. 29(11):2149-2153 (1986).
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	DA	Dev et al., "Electrochemotherapy—A Novel Method of Cancer Treatment", Cancer Treat Rev 20:105-115 (1994).
	DB	Devlin et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules", Science 249:404-406 (1990).
	DC	Doetschman et al., "The In Vitro Development of Blastocyst-Derived Embryonic Stem Cell Lines: Formation of Visceral Yolk Sac, Blood Islands and Myocardium", J. Embryol. Exp. Morph. 87:27-45 (1985).
CHK	DD	Duzgunes, N., "Membrane Fusion", Subcellular Biochemistry 11:195-286 (1985).

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	DF	Egloff et al., "Crystal Structure of the Catalytic Subunit of Human Protein Phosphatase 1 and its Complex with Tungstates", J. Mol. Biol. 254(5): 942-959 (1995).
	DG	Eisenfield et al., "Constrained Optimization and Protein Structure Determination", Am J Physiol 261:C376-386 (1991).
	DH	Elliott et al., "Intercellular Trafficking and Protein Delivery by a Herpesvirus Structural Protein", Cell 88:223-233 (1997).
	DI	Etienne-Julan et al., "The Efficiency of Cell Targeting By Recombinant Retroviruses Depends On the Nature of the Receptor and the Composition of the Artificial Cell-Virus Linker", J. Gen Virol 73:3251-3255 (1992).
	DJ	Eubanks et al., "Peptide Substrates and Inhibitors of N-myristoyl Transferase", Peptides. Chemistry and Biology, Garland Marshall (ed.), ESCOM, Leiden, pp. 566-69 (1988).
	DK	Evans et al., "Establishment in Culture of Pluripotential Cells From Mouse Embryos", Nature 292:154-156 (1981).
	DL	Evans et al., "An Engineered Poliovirus Chimaera Elicits Broadly Retroactive HIV-1 Neutralizing Antibodies", Nature 339:385-388 (1989).
	DM	Ewenson et al., Ketomethylene Pseudopeptide Analogues of Substance P: Synthesis and Biological Activity", J Med Chem 29:295-299 (1986).
	DN	Faux et al., "Regulation of the AKAP79-Protein Kinase C Interaction by Ca ²⁺ /Calmodulin", JBC 272:17038-17044 (1997).
	DO	Felgner et al., "Lipofection: A Highly Efficient, Lipid-Mediated DNA-Transfection Procedure", PNAS 84:7413-7417 (1987).
	DP	Ferry et al., "Retroviral-Mediated Gene Transfer Into Hepatocytes In Vivo", PNAS USA 88:8377-8381 (1991).
	DQ	Flotte et al., "Gene Expression From Adeno-Associated Virus Vectors in airway Epithelial Cells", Am. J. Respir. Cell. Mol. Biol. 7:349-356 (1992).
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	DS	Frankel et al., "Cellular Uptake of the Tat Protein from Human Immunodeficiency Virus", Cell 55:1189-1193 (1989).
	DT	Froimowitz, "The Development of Computer Simulations of the Geometries and Thermodynamics of Biological Molecules", BioTechniques 8:640-644 (1990).
CMK	DU	Fuentes et al., "A New Human Gene From the Down Syndrome Critical Region Encodes a Proline-Rich Protein Highly Expressed in Fetal Brain and Heart", Hum. Mol. Genet. 4:1935-1944 (1995).

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CCK	DV	Gardner et al., "Synthesis of conformationally constrained CCK-4 analogs containing a substituted gamma lactam ring", Peptides: Chemistry and Biology, Marshall ed., ESCOM Publisher: Leiden, Netherlands, 123-125 (1988). <i>Gardner et al.</i>
	DW	Gasparini et al., "Restriction Site Generating-Polymerase Chain Reaction (RG-PCR) for the Probeless Detection of Hidden Genetic Variation: Application to the Study of Some Common Cystic Fibrosis Mutations", Mol. Cell Probes 6:1-7 (1992).
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	DY	Gibbs et al., "Detection of single DNA base differences by competitive oligonucleotide priming", Nucleic Acids Res. 17:2437-2448 (1989).
	DZ	Goldberg et al., "Three-dimensional structure of the catalytic subunit of protein serine/threonine phosphatase-1", Nature 376:745-753 (1995).
	EA	Goodford et al., "A Computational Procedure for Determining Energetically Favorable Binding Sites on Biologically Important Macromolecules", J. Med. Cam. 28:849-857 (1985).
	EB	Gordon et al., "Design of Peptide Derived Amino Alcohols as Transition-State Analog Inhibitors of Angiotensin Converting Enzyme", Biochem Biophys Res Commun 126:419-426 (1985).
	EC	Gossler et al., "Transgenesis by means of blastocyst-derived embryonic stem cell lines", PNAS 83:9065-9069 (1986).
	ED	Goud et al., "Antibody-Mediated Binding of a Murine Ecotropic Moloney Retroviral Vector to Human Cells Allows Internalization But Not the Establishment of the Proviral State", Virology 163:251-254 (1988).
	EE	Graham et al., "Manipulation of Adenovirus Vectors", Methods in Molecular Biology, E.J. Murray, Ed. Vol. 7, pp. 109-127 (Humana, Clifton, NJ, 1991).
	EF	Green and Loewenstein, "Autonomous Functional Domains of Chemically Synthesized Human Immunodeficiency Virus Tat Trans-Activator Protein", Cell 55:1179-1188 (1988).
	EG	Griffin et al., "DNA Sequencing Recent Innovations and Future Trends", Appl Biochem Biotechnol 38:147-159 (1993).
	EH	Griffith et al., "X-Ray Structure of Calcineurin Inhibited by the Immunophilin-Immunosuppressant FKBP12-FK506 Complex", Cell 82, 507-522 (1995).
	EI	Griffiths et al., "Human anti-self antibodies with high specificity from phage display libraries", EMBO J 12:725-734 (1993).
	EJ	Guerini, D., "Calcineurin: not just a simple protein phosphatase", Biochem. Biophys. Res. Comm. 235 (2):271-275 (1997).
	EK	Gunning, P. et al., "A human β -actin expression vector system directs high-level accumulation of antisense transcripts", PNAS 84: 4831-4835 (1987).
CCK	EL	Haj-Ahmand and Graham, "Development of a Helper-Independent Human Adenovirus Vector and Its Use in the Transfer of the Herpes Simplex Virus Thymidine Kinase Gene", J. Virol. 57:267-274 (1986).

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	EN	Hayashi, "PCR-SSCP: A Method for Detection of Mutations", Genet Anal Tech Appl 9(3):73-79 (1992).
	EO	Helene C., et al., "Control of Gene Expression by Triple Helix-Forming Oligonucleotides The Antigene Strategy," Ann. N.Y. Acad. Sci. 660:27-36 (1992).
	EP	Helene C., "The anti-gene strategy: control of gene expression by triplex-forming-oligonucleotides", Anticancer Drug Des. 6(6):469-84 (1991).
	EQ	Hermonat et al., Use of adeno-associated virus as a mammalian DNA cloning vector: Transduction of neomycin resistance into mammalian tissue culture cells", Proc. Natl. Acad. Sci. USA 81:6466-6470 (1984).
	ER	Higashijima, T. et al., "Regulation of Gi and Go by Mastoparan, Related Amphiphilic Peptides, and Hydrophobic Amines", J. Biol. Chem. 265:14176-14186 (1990).
	ES	Hirschberg, C. et al., "Topography of Glycosylation in the Rough Endoplasmic Reticulum and Golgi Apparatus", Ann. Rev. Biochem. 56:63-87 (1987).
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	EZ	Ike et al., "Solid phase synthesis of polynucleotides, VIII. Synthesis of mixed oligodeoxyribonucleotides by the phosphotriester solid phase method", Nucleic Acid Res. 11:477-488 (1983).
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	FB	Inoue et al., "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucl. Acids Res. 15:6131-6148 (1987).
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	FE	Itakura et al., "Chemical Synthesis and Application of Oligonucleotides of Mixed Sequence", Recombinant DNA, Proc 3 rd Cleveland Sympos. Macromolecules, ed. AG Walton, Amsterdam: Elsevier Scientific Publishing Co.: 273-289 (1981).
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	FG	IUPAC-IUB Commission on Biochemical Nomenclature, Symbols for Amino-Acid Derivatives and Peptides ¹ Recommendations (1971) (see Biochemistry 11:1726-1732 (1972)).
	FH	Iwabuchi et al., "Use of the two-hybrid system to identify the domain of p53 involved in oligomerization", Oncogene 8:1693-1696 (1993).
	FI	Jaenich, R., "Germ line intergration and Mendelian transmission of the exogenous Moloney leukemia virus", PNAS 73:1260-1264 (1976).
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	FK	Jahner et al., De novo methylation and expression of retroviral genomes during mouse embryogenesis", Nature 298:623-628 (1982).
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	FO	Karasuyama et al., "Autocrine Growth and Tumorigenicity of Interleukin 2-Dependent Helper T Cells Transfected with IL-2 Gene", J. Exp. Med. 169:13-25 (1989).
	FP	Kawamura et al., "Interaction of FKBP12-FK506 with Calcineurin A at the B Subunit-binding Domain", JBC 270:15463:1-7 (1995).
	FQ	Kay et al., "Human Gene Therapy: Persistent Expression of Human α 1-Antitrypsin in Mice after Direct Gene Delivery In Vivo", 3:641-647 (1992).
	FR	Kim et al., "Peptides Constrained to Type VI β -Turns. I. Evidence for an Exceptionally Stable Intramolecular Hydrogen Bond", J. Org. Chem. 62:2847-2852 (1997).
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	FW	Kohler and Milstein, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256: 495-497 (1975).
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	GA	Lakso et al., "Targeted oncogene activation by site-specific recombination in transgenic mice", PNAS 89:6232-6236 (1992).
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	GC	Lemaitre et al., "Specific antiviral activity of a poly(L-lysine)-conjugated oligodeoxyribonucleotide sequence complementary to vesicular stomatitis virus N protein mRNA initiation site", Proc. Natl. Acad. Sci. 84:648-652 (1987).
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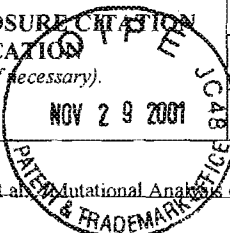
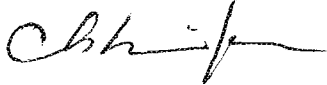
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FOREIGN PATENT DOCUMENTS

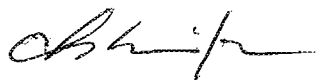
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